

## **Company Background**

### **Pasteuria Bioscience, Inc.**



Pasteuria Bioscience, Inc. was founded in 2003 in the University of Florida's Sid Martin Biotechnology Incubator. The company was developed out of Entomos, Inc., to commercialize its revolutionary technology for production of nematode control products based on *Pasteuria* technology.

Pasteuria Bioscience has successfully risen over \$6 million in venture funding enabling the advancement of the technology to the point of commercial-scale production and Environmental Protection Agency (EPA) registration of its first product. This initial product will be for control of sting nematodes in professional turf is expected to launch in late 2009. Progress towards launch is supported by multiple ongoing turf field trials and other commercial development activities. The company also continues to build its pipeline of products and its intellectual property portfolio through a vigorous laboratory development program.

## **Technology Background**

### ***Pasteuria* spp.**

Scientists first realized that *Pasteuria* spp. could provide effective nematode control over 50 years ago, and academic and United States Department of Agriculture (USDA) researchers have long considered *Pasteuria* to be among the most promising biological agents for control of plant-parasitic nematodes. But until recently, no one was able to grow *Pasteuria* outside of the body of a nematode. Thus, it could not be produced cost-effectively on a commercial scale.

Pasteuria Bioscience has developed a revolutionary new technology that allows the rapid and cost-effective growth of multiple strains of *Pasteuria* in traditional commercial fermentation tanks, using easily available growth media. This *in vitro* production process will enable the launch of a cost-competitive, effective, safe nematicide, which will not only replace environmentally-harmful chemicals, but will also dramatically grow the market.